

BEST AVAILABLE COPY

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 55-035015

(43)Date of publication of application : 11.03.1980

(51)Int. Cl.

A61K 33/24

A61K 7/18

(21)Application number : 53-107833

(71)Applicant : TOYO SEIYAKU KASEI KK

(22)Date of filing : 02.09.1978

(72)Inventor :  
HIZUKA KIICHI  
YAMAMOTO KOJI  
OKUDA HIROHISA

## (54) COMPOSITION FOR PREVENTION OF DENTAL CARIES AND FOR INHIBITION OF PROGRESS OF DENTAL CARIES

## (57)Abstract:

PURPOSE: To obtain a composition for the prevention of dental caries and inhibition of its progress, having excellent effect to inhibit the decalcification of adamasdents caused by acid, by using a water-soluble hexafluorotitanic acid salt as an essential component.

CONSTITUTION: A composition comprising a water-soluble hexafluorotitanic acid salt as an essential component for prevention of tooth decay and for inhibition of its progress.  $\text{Li}_2\text{TiF}_6$ ,  $(\text{NH}_4)_2\text{TiF}_6$ ,  $\text{CuTiF}_6$ , or  $\text{SrTiF}_6$  is used as water-soluble hexafluorotitanic acid, salt and esp.  $\text{SrTiF}_6$  is preferable. The content of F in the whole composition is preferably 0.01-5wt.%. The composition is made to an aqueous paste by use of water, glycerine, propylene glycol, macrogol, etc. and applied to the affected parts.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office